

Alumni Association Portal

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Abstract

Currently used methods for collecting alumni details is very time consuming as one has to manually update the alumni profile. A web based alumni software would provide with a single repository for entire alumni data. This modification will be updated only with proper validation of the student by administrator. The objective of this Alumni Association portal application is to allow old and new students of a university or college to communicate with each other. This allows students to know about each other and their current activities, which is very vital to establish a long-term-relationship. This system would not just be a means to explore academic memories but it will also a system that will provide features such as listing of featured alumni, advanced search notifications, alumni notice boards for various alumni related notifications and photo gallery.

Keywords: Alumni, centralized repository, communication, database, Academic Applications

INTRODUCTION

Alumni Association serves the alumni in carrying out a variety of activities. It strengthens ties between alumni, as well as between alumni and Alma Mater, providing opportunities for cooperation and communication. Interactions with them have always been beneficial to the university as it reduces the industry academic gap. The interaction with the alumni is more informal immature and mostly at departmental level. Various departments have frequent interaction with the alumni. They are invited to share their experiences with the current students helping them to get exposure on industry requirements and trend. They are also invited as experts at seminars for delivering guest lecturers in the areas of their expertise, experts, judges for competitions etc. The alumnus is an important stakeholder. They are valuable assets of considered to be in any organization university. The alumni of the college are successful in various fields like teaching, government services, business, corporate company, various company secretaries, IT, etc. the college has encouraged meritorious alumni to work as staff members in the university.

RELATED WORK

MOTIVATION FOR THE WORK

Today's students are tomorrow's alumni and future university supporters. In recent years a lot of importance is given by institutions in building alumni networks worldwide, understanding the significance of mutual benefits. One of the major challenges faced by alumni associations is tracking alumni. Alumni Association Portal will help in solving the above mentioned problem as it would be the medium through the current students, the alumni outside and the institution can exchange information and stay connected.

PROBLEM STATEMENT

There are not many effective applications for alumni association that's why many of the university are struggling to organize and collect alumni details for effectively using the alumni information. There are many alumni association portal available many of them do not provide full fledged solution. In those systems Admin is only having the sole authority for manipulating details of alumni.

Alumni can't modify their personal details. The process is very slow and it takes time to find the Alumni data and there is no assurance of the confidentiality of the alumni data.

Traditional portals are static just providing information about the university, less engaging and do not involve current students and faculty which would otherwise provide a stronger network for the entire community.

OBJECTIVE OF THE WORK

In earlier times the alumni details were maintained in excel, from there on significant changes are seen these days making an effective portal would result in a long-term and more engaging experience with the Alumni.

The main objective of this application is to provide a centralized repository of alumni detail. This alumni portal will provide search options based on several keywords such as batch, designation, location. It will provide an effective interface for communication and collaboration between alumni and university. Several features that are found in isolation in many systems are brought in to a single portal. It will help in providing notification, posting option, update the profile detail, alumni can search all the details.

EXISTING SYSTEM

It is very tough to find and locate the old students of a particular institution and collect their current details using the university records. Searching a particular batch student is a time taking process. In the conventional process to maintain the alumni database is a very big task because it is difficult to get the details of the alumni manually. Updating student current profile is a tedious task. This does not allow efficient data management and retrieval process. A student willing to get information about others has to approach the university or has to search in social networking site which is often tedious. The information if at all available is not updated and often misleading.

PROPOSED SYSTEM

The proposed system alumni association portal gives the university and corporate a unified platform for communication and collaboration. This system will provide better networking platforms that will maximize alumni engagement while minimizing the effort and time spent by the university.

The alumni, current students, faculty and the administrator will be the authorized users of the system. Alumni can be member of this application if they have signed up and provided necessary information in the alumni profile. Non-members can just view the main page and cannot access alumni profile. This system will provide various features such as plan and register events to organize Information, advanced search options, featured alumni scrolls etc. Even the searching for a particular student will be done very easily using this software compared to the conventional process which is often time consuming. The details of the alumni can be retrieved easily in less time. For security purpose, these detail is made available only to the registered and authenticated users.

FEATURES OF WEBSITE/APPLICATION

Alumni Directory: The alumni association portal allows alumni to register and update the profile and send the notification for job and other information such as events or conference notifications to admin.

Admin Directory: The system allows admin to update the events, sending message the batch wise alumni, view all alumni profile.

Photo Galleries: The system allows publishing of photos.

Event Notification: The system allows admin to upload the events in that admin can choose event, job or meeting and message send by batch wise alumni.

Posting Notification: The system allows alumni to send the notification to admin.

BENEFITS TO UNIVERSITY

Mentoring current students through Alumni talk about career opportunities and latest industry trend. Marketing- prominent Alumni can promote the brand of University.

Improving standards through curriculum change based on inputs from prominent Alumni from industry to expose students to emerging technology.

BENEFITS TO THE ALUMNI

Career related Assistance- Through job posts on the portal. Networking with people associated with the organization.

Table 5 comparison of existing and proposed system

Features	Existing	Proposed
Alumni data collection	Through excel	Web portal
Availability of updated Alumni detail	Laborious task	Updated by Alumni themselves
Security	Less	More
Centralized database	No	Yes

LITERATURE SURVEY

(i) Predication of Alumni Association Membership

Newman and Petrosko 2011 [6], In this the students undergo after graduation they are alumni in the university. The alumni impact on the motivation to member of the association. The results indicate that the alumni increase more members in the association. The work of professionals of these associations can help improve the alumni's perceptions. Were more often involved with the university and were to make interacts with other member of the association.

(ii) Online Community Portal for Enhanced Alumni Networking

For Barnard 2007[2], the alumni's has one person who great potential to contribute financially, and credibility of an educational institution. The alumni can register the detail in alumni association website, and admin can upload event the integrated network of relationships could give the institution the opportunity to create a best situation. Alumni, is the term used to designate a graduate student (former student) of a university develop and maintain Wikipedia, 2013.

(iii) Enhancing Mentoring Between Alumni and Student via Alumni System

Chia, Jonesa, and Grandhama 2012, [3] the alumni are most valuable assets of university. The alumni people who represent the university in the real world In terms of contact in the educational field, a common concern is to keep alumni connected to their educational institutions, and storing the large member of alumni in the web sites. The effective contribution of education to the society is observed based on the alumni's experiences during the university course, proving the university name.

(iv) Alumni Donations to Universities of Education in Taiwan

Anila Fatima Shakil, WaqarUNNisaFaizi, 2012, [1], study which is done the alumni is one reason to important source of revenue for colleges and universities. Alumni can be interacting with university to improve the institutions .An alumni donation is an important contributing factor. This examines the issues relating to alumni giving, with a special focus on universities of education.

MODULES

ADMINISTRATOR MODULE

The home link panel the administrator will first need to login and then he will search for a particular name if it is approved then the link will display admin will verify the detail of the alumni and approve the posting access, modify own details, The entire application will be under the control of the admin. Some more important feature of admin is that scheduling the alumni events, jobs and meeting the message will be posted into upload event. Posting mail is used for sending individual department for particular alumni. Admin can give authorization to access the other alumni details but keeping their personal information unrevealed.

ALUMNI REGISTRATION MODULE

Alumni registration module the alumni fill in the detail on the application. They can modify the detail update the profile detail .Alumni can search all details of friend and events. Alumni can send the notification for posting some events .The admin is the one who is having authority to allow permission for event notifications and posting pictures.

POSTING NOTIFICATION MODULE

Admin for the alumni portal will be responsible for authenticating alumni login details, the alumni can send the job or some other information to communicate through notification to admin. After creating the event invitation one will be directed to the invite alumni to an event page where one can choose the alumni for invitation. Event title, Start date, End date, Event description will be send to alumni batch wise and it will posted in messages.

ARCHITECTURE DIAGRAM

The system architecture can describe the structure of alumni association portal. The admin works are view the alumni detail, update events, sending message to batch wise alumni .The alumni works are update the detail, register and posting the mail to admin.

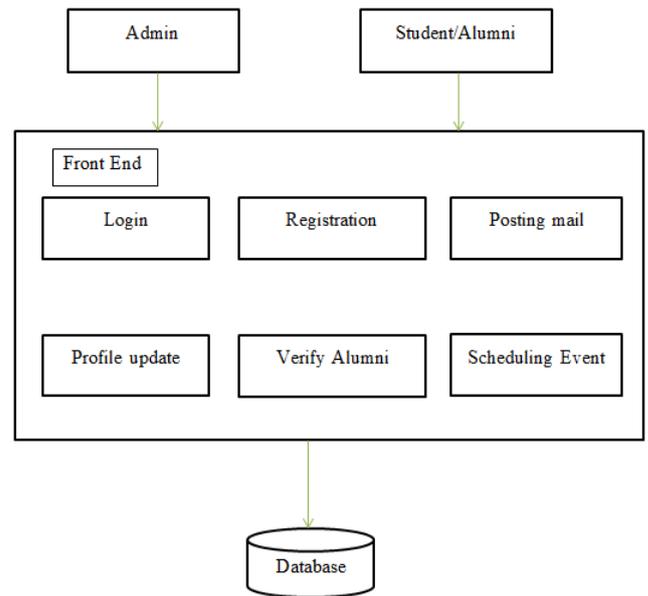


Figure 7.1. Architecture Diagram for Alumni Association

PERFORMANCE ANALYSIS

PERFORMANCE MEASURES

Performance measure is used to measure how efficient and accurate the system is performing and evaluates the performance of CPU usage and memory usage.

Table 8.1: Performance Measure

S.NO	CPU USAGE	MEMORY USAGE
1	33	836.092

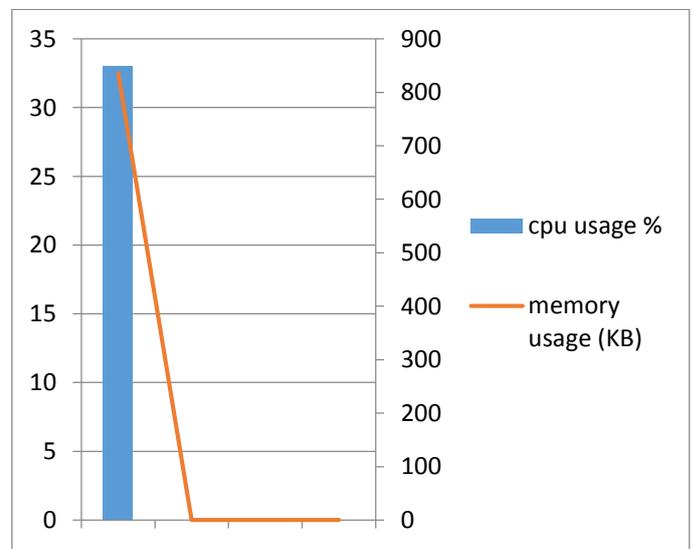


Figure: 8.1 Performance Analysis (chart/graph)

The above chart diagram shows the performance analysis of alumni association portal. It is representing the CPU usage and memory usage.

FUTURE ENHANCEMENTS

It would be very useful if the current students would be able to directly submit their CV using the alumni web site. Customization of application by allowing users to change color palette. Map to show currently where the alumni's are. To communicate through social media like face book, Google, twitter, LinkedIn, email and also using several technologies including yahoo and Google maps when a registered user clicks on a map marker. Dashboards that will give details of how many alumni have registered, number of job posts and events can be included. Report generation based on gender, location year etc. can be included.

In the present system users are able to share the information with all but option to restrict this sharing to a certain group among alumni is not available which can be considered during future enhancements.

The system can be made accessible on mobile technologies as people stay more connected through phone.

CONCLUSION

An Alumni Association is very important for university. This proposed system is a web based application that provides facility for maintaining a central repository of alumni data. Using this web application the alumni can update the profile and alumni can send the job or some other information to communicate through notification to admin. Admin will have authority to verify alumni details, schedule the events, Admin can posting notification, event and some other message will be sending via the batch wise alumni's. The system is not confined to Alumni but is also extended to current students and faculty for a better engaging experience. This Alumni Association Portal will help the organization in reducing their data collection cost and time. It will increase the number of contact-able alumni.

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